

Update on photon analysis

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Photon gun (6-20mrad)

Photon gun: energy 0.05-0.15 GeV

theta 6-20mrad

10k events

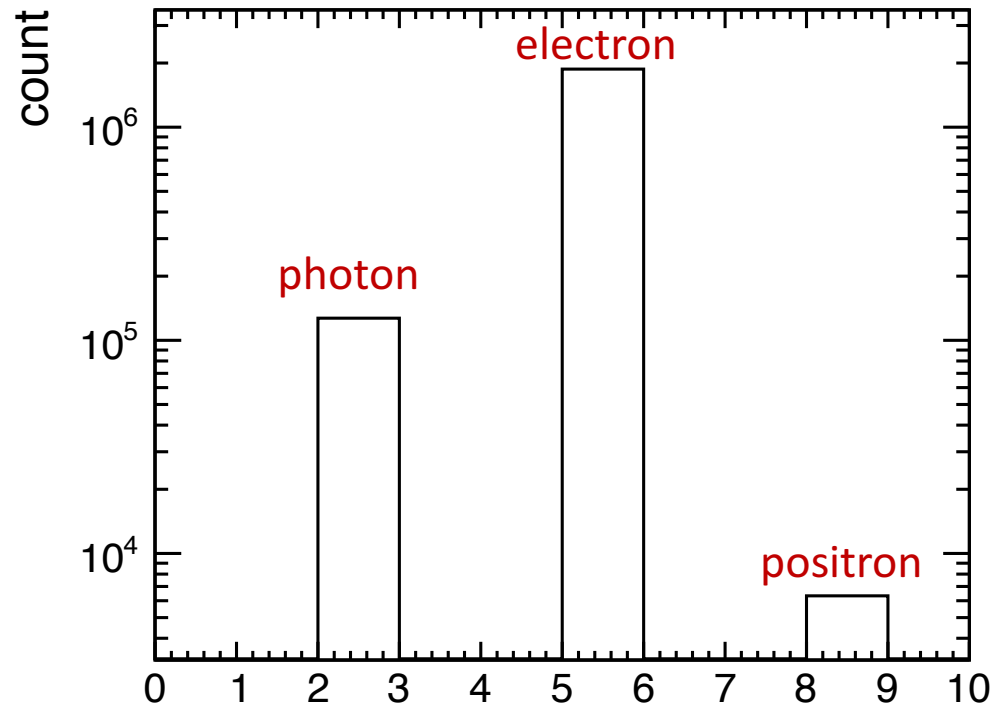
with all: with all detector elements

without B0 tracker: comment “B0 tracker” out

without Beam Pipe: comment “beam pipe” out

	Event counts		
	track number>1	track number=3	e^+e^- pair in preshower
With all	4917	2	1
without Beam Pipe	4779	1	0
without B0 tracker	4929	4	0

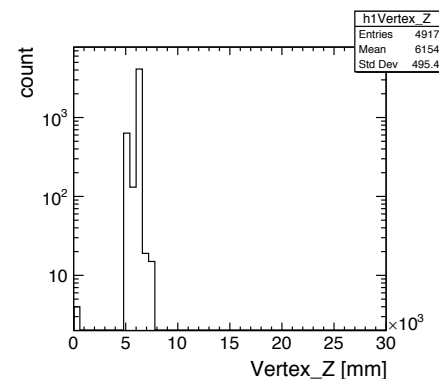
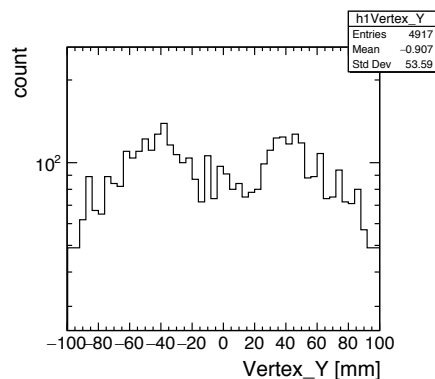
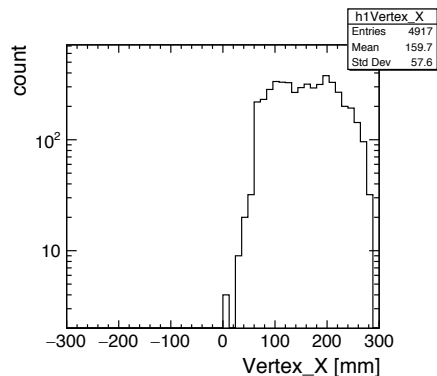
Particle counts



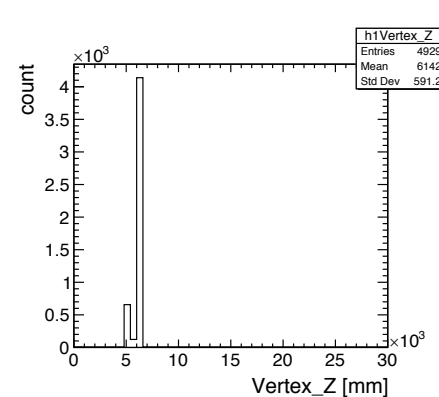
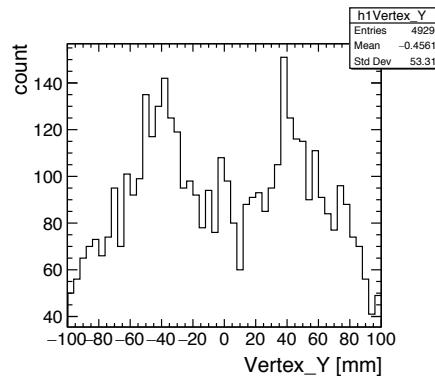
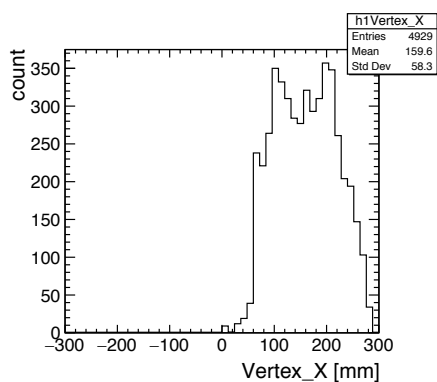
There are only very few positrons. Why???

Vertex(6-20mrad)

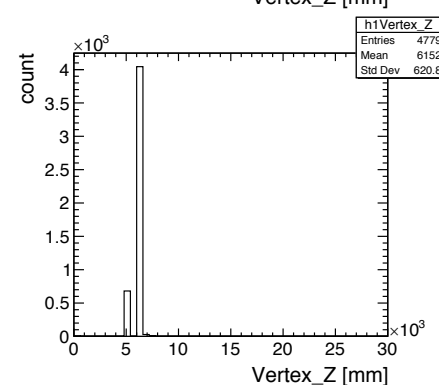
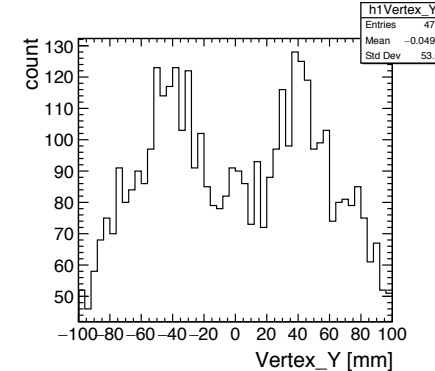
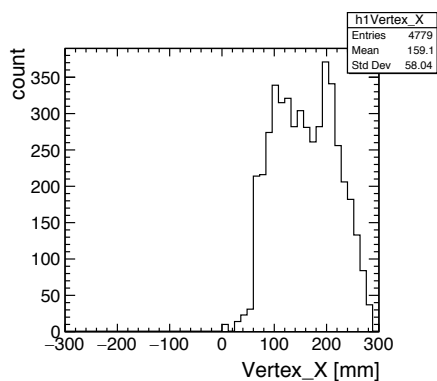
With all



Without beam pip



Without B0 tracker



Photon gun (0-5mrad)

Photon gun: energy 0.05-0.15 GeV

theta 0-5mrad

10k events

with all: with all detector elements

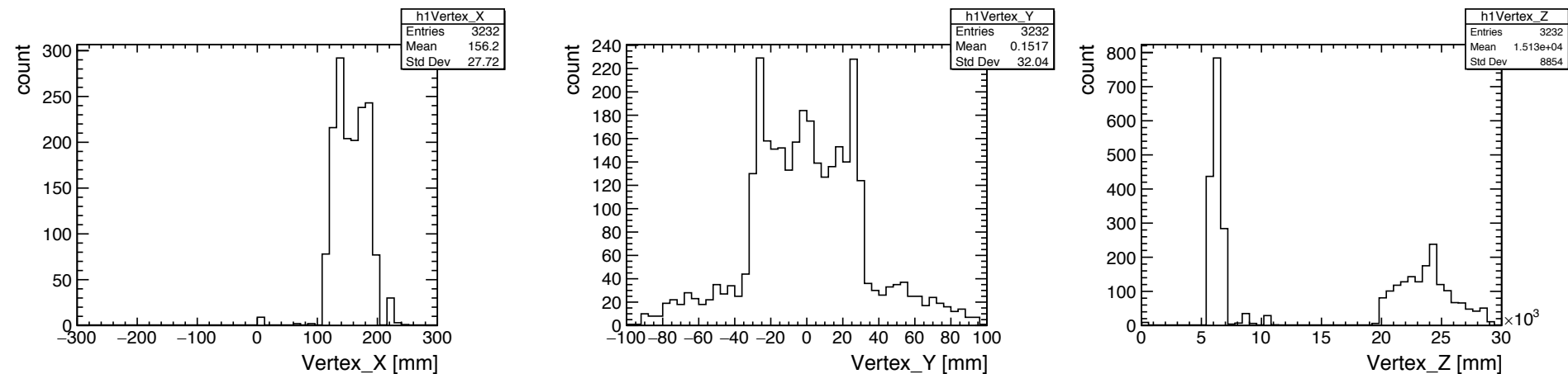
without B0 tracker: comment “B0 tracker” out

without Beam Pipe: comment “beam pipe” out

	Event counts		
	track number>1	track number=3	e^+e^- pair in ZDC
With all	3232	4	0
without Beam Pipe	70	2	0

Vertex (0-5mrad)

With all detector elements:



Without beam pipe

